

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/549,251
 Applicant : Yuichiro Sasaki et al.
 Filed : September 13, 2005
 Title : "BEAM CURRENT MEASURING APPARATUS AND BEAM
CURRENT MEASURING METHOD USING THE SAME

 Confirmation No. : 2468
 TC/A.U. : TBD
 Examiner : TBD

 Customer No. : 52054
 Docket No. : 38771

LETTER

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Va. 22313-1450

Sir/Madam:

In response to the Notification of Missing Requirements dated May 18, 2006, applicant encloses herewith the required Declaration and Power of Attorney. A check for the \$130.00 late filing fee surcharge was included with the original filing fee paid on September 13, 2005 as indicated on the enclosed PTO-1390.

If there are any further fees resulting from this communication not covered by the enclosed check, or if no check was enclosed, please charge the same to Deposit Account No. 16-0820, Order No. 38771.

Respectfully submitted,
 PEARNE & GORDON LLP

By:

Jeffrey J. Sopko, Reg. No. 27676

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 Suite 1200
 Cleveland, Ohio 44114-3108
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June 1, 2006

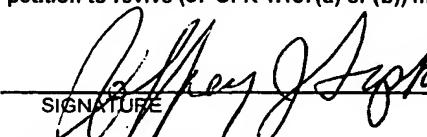
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

| |
|-----------------------------------|
| Jeffrey J. Sopko |
| Name of Attorney for Applicant(s) |
| June 1, 2006 |
| Date |
| Signature of Attorney |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 38771 |
| INTERNATIONAL APPLICATION NO. PCT/JP2004/003319 | INTERNATIONAL FILING DATE 12/03/2004 (12 March, 2004) | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) TBD |
| TITLE OF INVENTION BEAM CURRENT MEASURING APPARATUS AND BEAM CURRENT MEASURING METHOD USING THE SAME | | |
| APPLICANT(S) FOR DO/EO/US SASAKI, Yuichiro; MIZUNO, Bunji; HATANAKA, Kichiji; KATAYAMA, Takeshi; WATANABE, Tamaki | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. and Form PTO-1449</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <small>Certificate of Express Mail; Return Receipt Postcard; Copy of International Search Report</small> </p> <p>20. <input type="checkbox"/> Other items or information:</p> | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | | | | | |
|---|--------------|---|--------------|---------------------------------------|-------------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) TBD | | INTERNATIONAL APPLICATION NO. PCT/JP2004/003319 | | ATTORNEY'S DOCKET NUMBER 38771 | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee..... \$300 | | | | \$ 300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200 | | | | \$ 200.00 | |
| 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 | | | | \$ 400.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | | RATE | |
| 21 - 100 = | 0 /50 = | 0 | | x \$250 | \$ 0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ 130.00 | |
| CLAIMS | NUMBER FILED | | NUMBER EXTRA | RATE | \$ |
| Total claims | 19 - 20 = | | 0 | x \$ 50 | \$ 0.00 |
| Independent claims | 2 - 3 = | | 0 | x \$200 | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$360 | \$ 0.00 |
| | | | | TOTAL OF ABOVE CALCULATIONS = | \$ 1030.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | | | |
| | | | | SUBTOTAL = | \$ 1030.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | + \$ 0.00 | |
| | | | | TOTAL NATIONAL FEE = | \$ 1030.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + \$ 0.00 | |
| | | | | TOTAL FEES ENCLOSED = | \$ 1030.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1030.00</u> to cover the above fees is enclosed. | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>16-0820</u> . A duplicate copy of this sheet is enclosed. Order # 38771 | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| Customer Number: 052054 | | | | | |
|  SIGNATURE Jeffrey J. Sopko NAME | | | | | |
| 27676 REGISTRATION NUMBER | | | | | |

NGB

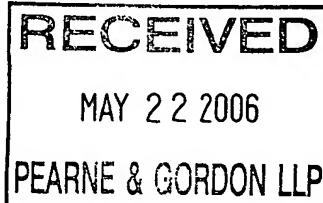


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/549,251 | Yuichiro Sasaki | 38771 |

52054
 PEARNE & GORDON LLP
 1801 EAST 9TH STREET
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 CLEVELAND, OH 44114-3108



INTERNATIONAL APPLICATION NO.

PCT/JP04/03319

| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|
| 03/12/2004 | 03/14/2003 |

CONFIRMATION NO. 2468
 371 FORMALITIES LETTER



OC000000018782330

Date Mailed: 05/18/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/13/2005
- Copy of the International Search Report filed on 09/13/2005
- Copy of IPE Report filed on 09/13/2005
- Preliminary Amendments filed on 09/13/2005
- Information Disclosure Statements filed on 09/13/2005
- U.S. Basic National Fees filed on 09/13/2005
- Priority Documents filed on 09/13/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/549,251 | PCT/JP04/03319 | 38771 |

FORM PCT/DO/EO/905 (371 Formalities Notice)